

HVACR INSPECTIONS

Starting February 18, 2008, the Permits and Inspections Department will be enforcing Maryland State HVACR License Requirements for Master, Journeyman and Apprentice.

Talbot County Permits and Inspections Department will begin inspecting all HVACR installation using the 2003 International Mechanical Code and the 2003 International Residential Code.

HVACR permits must be obtained prior to commencement of work and it will be the Master HVACR's responsibility to make application to the Permits and Inspection Department for all HVACR permits and call for all required inspections.

Duct design and layout along with Manual J calculations for the proposed work (due at time of application) should include an equipment summary including manufacture, model number, and BTU input and output along with a room by room analysis.

Crawlspace and underfloor spaces containing appliances requiring access shall be provided with an unobstructed passageway large enough to remove the largest appliance, but not less than 30 inches high and 22 inches wide, nor less than 20 feet in length when measured along the centerline of the passageway from the opening to the appliance. A level service space at least 30 inches deep and 30 inches wide shall be present at the front or service side of the appliance.

Rough In Inspection: The installation of all parts of the HVACR system which can be completed prior to the installation of grilles, registers, thermostats and outdoor unit.

1. Metal ducts shall be supported by 0.5 inch wide 18 gage metal straps or 12 gage galvanized wire at intervals not exceeding 10 feet or by other approved means.
2. Nonmetallic ducts shall be supported in accordance with the manufacturer's installation instructions.
3. Supply boots in unconditioned space are to be insulated to prevent accumulation of condensation.
4. Nail plates (*any penetration through 2 x4 plates less than 1.5 inches from edge. Nail plates shall extend at least two inches below top plates and two inches above sole plates.*)
5. Heating and cooling equipment shall be located with respect to building construction and other equipment to permit maintenance, servicing and replacement.
6. Copper line set run through floors to outdoor unit location.
7. Drain pan under equipment installed where damage to building components will occur must be minimum 1.5" depth and not less than 3" larger than the units width and length.
9. A minimum of thirty inches of working space shall be provided in front of the control side to service an appliance.
10. Cutting, notching or drilling structural member is to be in accordance with the 2003 International Residential Code.

FINAL INSPECTION: The following shall be completed prior to a final Inspection:

1. Registers and grilles in place.
2. Thermostat set and operational.
3. All Outdoor equipment set and operational.
4. Clothes Dryer Exhaust shall be installed per section M1501

*******Any conditions preventing inspection completion will result in a incomplete inspection !!!**

*******HVACR Master is to have copy of HVACR permit on job site located in a visible location.**